

Title (en)  
ANODE AND LITHIUM SECONDARY BATTERY COMPRISING SAME

Title (de)  
ANODE UND LITHIUMSEKUNDÄRBATTERIE DAMIT

Title (fr)  
ANODE ET BATTERIE SECONDAIRE AU LITHIUM LA COMPRENANT

Publication  
**EP 3907786 A4 20220302 (EN)**

Application  
**EP 20752577 A 20200207**

Priority  
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Abstract (en)  
[origin: EP3907786A1] The present invention provides a negative electrode and a lithium secondary battery including the negative electrode, wherein the negative electrode includes a metal current collector and a negative electrode active material layer including a negative electrode active material and metal nanowires and formed on the metal current collector. The negative electrode active material includes a silicon-based active material and a carbon-based active material, and the metal nanowires include one or more metals selected from the group consisting of copper, gold, nickel, cobalt, and silver.

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Citation (search report)  
• [XAI] CN 102122708 A 20110713 - CHINESE ACAD PHYSICS INST  
• [Y] EP 2579365 A1 20130410 - SAMSUNG SDI CO LTD [KR]  
• [Y] WO 2018164405 A1 20180913 - LG CHEMICAL LTD [KR]  
• [Y] US 2017179467 A1 20170622 - DALE NILESH [US], et al  
• [Y] WO 2017137591 A1 20170817 - COMMISSARIAT ENERGIE ATOMIQUE [FR]  
• See also references of WO 2020162708A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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**EP 3907786 A1 20211110**; **EP 3907786 A4 20220302**; CN 113574696 A 20211029; CN 113574696 B 20240802; KR 102476320 B1 20221213; KR 20200097658 A 20200819; US 2022131157 A1 20220428; WO 2020162708 A1 20200813

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